COMBINED DECLARATION / POWER OF ATTORNEY

AS BI	ELOW NAMED INVENTO	R, I HEREBY DECLARE THA	AT: This Declaration is of the following	g type:	
	☑ Original☐ Continuation	☐ Supplemental	☐ Continuation-In-Part ☐ National Stage of PCT	☐ Division	al
name patent	is listed below) or an origina	al, first and joint inventor (if plants of the system and methology)	low next to my name: I believe I am thural names are listed below) of the sulphor FOR ENTERING ALPHANUM	oject matter which is cl	aimed and for which a
		Serial No oplicable). n PCT International Applicatio	n No. filed on and as am	ended under PCT Articl	e 19 on
I here	by state that I have reviewe	ed and understand the conten	ts of the above-identified specification e information which is material to the	on, including the claims	s, as amended by any
or of idention other is claim	any PCT International application application application and the United States of Am	ication(s) designating at least cation(s) for patent or inventor	rates Code, Sec. 119 of any foreign ap one country other than the United S's certificate or any PCT International subject matter having a filing date before	tates of America listed application(s) designation	below and have also ng at least one country
				Priority	Claimed
10 10 10 10 10 10 10 10 10 10 10 10 10 1	(Country)	(Application No.)	(Day/Month/Year/Filed)	(Yes)	(No)
I here	by claim the benefit under Ti	itle 35 USC 119(e) of any Unit	ed States provisional application(s) list	ted below:	
	(Serial No.)		(Filing Date)		
I here claims ackno	s of this application is not di wledge the duty to disclose	sclosed in the prior United Sta	d States application(s) listed below, are test application in the manner provided need in Title 37 CFR 1.56(a) which cois application:	by the first paragraph	of Title 35 USC 112, I
	(Serial No.)		(Filing Date)	(Stat	us)
I here	by appoint the following at	torneys and/or agents to prose	cute this application and to transact a	ll business in the U.S.	Patent and Trademark

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Russell B. Miller, Reg. No. 31,122, Gregory D. Ogrod, Reg. No. 30,880, Bruce W. Greenhaus, Reg. No. 37,339, Charles D. Brown, Reg. No. 28,285, Thomas R. Rouse, Reg. No. 40,793, Kent D. Baker, Reg. No. 38,822, Thomas M. Thibault, Reg. No. 42,181, Tom Streeter, Reg. No. 32,007, Christopher O. Edwards, Reg. No. 36,127, Pavel Kalousek, Reg. No. 44,178, Kyong H. Macek, Reg. No. 42,977, Byron Yafuso, Reg. No. 45,244, Raymond B. Hom, Reg. No. 44,773, Sean English, Reg. No. 37,319, Roger W. Martin, Reg. No. 39,291, Sandip S. Minhas, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 36,547, Philip R. Wadsworth, Reg. No. 29,219, S. Hossain Beladi, Reg. No. 42,311, Albert J. Harnois, Reg. No. 46,123, Sandra L. Godsey, Reg. No. 42,589, George C. Pappas, Reg. No. 35,065, Maryanne E. DeAngelo, Reg. No. 47,288 and Abdollah Katbab, Reg. No. 45,325. Please direct all telephone calls to Philip R. Wadsworth at (858) 651-4404 and address all correspondence to: Sarah Kirkpatrick, Manager, Intellectual Property Administration, QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, California 92121-1714.

COMBINED DECLARATION / POWER OF ATTORNEY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

T 1131 CT:			
Full Name of First or Joint Inventor	Inventor Signature	Date	
Guangming Shi			
Residence		Citizenship	
Post Office Address			
Full Name of Second or Joint Inventor	Inventor Signature	Date	
Tamasz Johannsen			
Residence		Citizenship	
Post Office Address			
- Mary			
t ii			
- Section 1			
The state of the s			
THE TAIL TO SERVICE TO			